

? s translat??? (10n) (XML or (markup(w) language)) (s) SOAP

620803 TRANSLAT???

76205 XML

41692 MARKUP

981828 LANGUAGE

28270 MARKUP (W) LANGUAGE

29195 SOAP

S1 35 S TRANSLAT??? (10N) (XML OR (MARKUP (W) LANGUAGE)) (S) SOAP

? s (header or first(w)group) and (body or second(w)group)

Processing

Processing

30689 HEADER

6933847 FIRST

4003599 GROUP

22876 FIRST (W) GROUP

1928377 BODY

3621156 SECOND

4003599 GROUP

27932 SECOND (W) GROUP

S2 16472 S (HEADER OR FIRST (W) GROUP) AND (BODY OR SECOND (W) GROUP)

? s s1 and s2

35 S1

16472 S2

? t s1/6,k/all

1/6,K/1 (Item 1 from file: 2)

INSPEC

(c) 2009 Institution of Electrical Engineers. All rights reserved.

10823138

**Title: Combining web services to manage real-time navigation data distribution**

**Publication Date:** 2007

Copyright 2008, The Institution of Engineering and Technology

**Abstract:** ...their Graphical User Interface (GUI). This service, similar to the management and setup interface, will **translate** the PNT data into an extensible **Markup Language (XML)** formatted message, and using Simple Object Access Protocol (**SOAP**) for delivery over HTTP. With this proposed solution, a user's implementation will no longer ...

1/6,K/2 (Item 2 from file: 2)

INSPEC

(c) 2009 Institution of Electrical Engineers. All rights reserved.

08652288 **INSPEC Abstract Number:** B2003-07-6210C-006, C2003-07-5620-023

**Title: Interaction translation methods for XML/SNMP gateway**

**Publication Date:** 2002

Copyright 2003, IEE

**Abstract:** ...legacy SNMP agents in the integrated management system. This integrated management system must include an **XML/SNMP** gateway, which **translates** and relays messages between the **XML**-based manager and the **SNMP** agent. We propose three methods for interaction translation in the gateway. First, we propose a DOM-based **translation**, which provides a method for **XML**-based manager to directly access management information through the standard DOM interfaces. Second, we propose an HTTP-based translation using URI extension with XPath and XQuery. Finally, we apply **SOAP**, which is accepted as a standard protocol for **XML**, and propose a **translation** method for the gateway to advertise the translation services to the manager using **SOAP** RPC. We also compare the advantages and disadvantages of the proposed translation methods.

1/6,K/3 (Item 3 from file: 2)

INSPEC

(c) 2009 Institution of Electrical Engineers. All rights reserved.

07697962 **INSPEC Abstract Number:** B2000-10-6150M-058, C2000-10-5640-039

**Title: Simple Object Access Protocol**

**Publication Date:** July-Aug. 2000

Copyright 2000, IEE

**Abstract:** ...the Internet, and the firewall security of the Internet which only allows the HTTP protocol. **SOAP** offers a solution by defining a set of rules which enables the use of HTTP and XML

for remote use of distributed services. The data within an **XML** document is encoded and transmitted in HTTP, then **translated** into the appropriate protocol for the local server. The potential benefits for business are discussed...

1/6,K/4 (Item 1 from file: 8)

Ei Compendex(R)

(c) 2009 Elsevier Eng. Info. Inc. All rights reserved.

0018561523 **E.I. COMPENDEX No:** 20083611508661

**Combining Web Services to manage real-time navigation data distribution**

**Issue Title:** 2007 16th IEEE International Symposium on the Applications of Ferroelectrics, ISAF

**Publication Date:** 20070101

**Conference Title:** OCEANS 2006 - Asia Pacific

...data into an extensible Markup Language (XML) formatted message, and using Simple Object Access Protocol (**SOAP**) for delivery over HTTP. With this proposed solution, a user's implementation will no longer...

**Descriptors:**

1/6,K/5 (Item 2 from file: 8)

Ei Compendex(R)

(c) 2009 Elsevier Eng. Info. Inc. All rights reserved.

0016318928 **E.I. COMPENDEX No:** 2005038791573

**Integrating translation technologies towards a powerful translation Web service**

**Issue Title:** 2004 IEEE Conference on Cybernetics and Intelligent Systems

**Publication Date:** 20041201

**Conference Title:** 2004 IEEE Conference on Cybernetics and Intelligent Systems

**Identifiers:** Bilingual concordancing; Machine **translation**; **SOAP**; **Translation memories**; **XML** web services

1/6,K/6 (Item 3 from file: 8)

Ei Compendex(R)

(c) 2009 Elsevier Eng. Info. Inc. All rights reserved.

0016163569 **E.I. COMPENDEX No:** 2004438415943

**Hardware community through the use of web services and hardware interpreter**

**Issue Title:** Recent Advances in Communications and Computer Science

**Publication Date:** 20031201

...XML-based web services protocol to machine dependant functionality and vice versa. Our framework uses **SOAP** as the basic protocol for electronic communication between the hardware interpreter and the clients because **SOAP** defines a model of using simple request response messages

written in XML. We use Java... ..the web services as the core technology for connecting home appliances; (3) the use of **SOAP** protocol in hardware interpreter provides us the capability to communicate with the home appliances without...

**Descriptors:**

1/6,K/7 (Item 1 from file: 34)

SciSearch(R) Cited Ref Sci

(c) 2009 The Thomson Corp. All rights reserved.

11629219 **Genuine Article#:** BW67T **Number of References:** 10

**Interaction translation methods for XML/SNMP gateway**

( ABSTRACT AVAILABLE )

**Publication date:** 20020000

**Abstract:** ...propose an HTTP-based translation using URI extension with XPath and XQuery. Finally, we apply **SOAP**, which is accepted as a standard protocol for **XML**, and propose a **translation** method for the gateway to advertise the translation services to the manager using **SOAP** RPC. We also compare the advantages and disadvantages of the proposed translation methods.

**Identifiers--**

1/6,K/8 (Item 1 from file: 56)

Computer and Information Systems Abstracts

(c) 2009 CSA. All rights reserved.

0000640560 IP Accession No: 200707-30-092506

**Hardware community through the use of web services and hardware interpreter.**

**Book Title:** Recent Advances in Communications and Computer Science

**Publication Date:** 2003

**Abstract:**

...interpreter, which is place between the users and the home appliances. It is capable to **translate XML**-based web services protocol to machine dependant functionality and vice versa. Our framework uses **SOAP** as the basic protocol for electronic communication between the hardware interpreter and the clients because **SOAP** defines a model of using simple request response messages written in XML. We use Java... ..the web services as the core technology for connecting home appliances; (3) the use of **SOAP** protocol in hardware interpreter provides us the capability to communicate with the home appliances without dependency...

1/6,K/9 (Item 1 from file: 95)

TEME-Technology & Management

(c) 2009 FIZ TECHNIK. All rights reserved.

01698682 20021102996

## Interaction translation methods for XML/SNMP gateway

( Interaktive Uebersetzungsmethoden fuer XML/SNMP-Gateways ) , 2002

### Abstract:

...the integrated management system. This integrated management System must include an XML/SNMP gateway, which **translates** and relays messages between the **XML**-based manager and the SNMP agent. In this paper, three methods for interaction translation in the gateway are proposed. First, a DOM-based **translation** is proposed, which provides a method for **XML**-based manager to directly access management information through the standard DOM interfaces. Second it is proposed an HTTP-based translation using URI extension with XPath and Xquery. Finally **SOAP** is applied, which is accepted as a standard protocol for **XML** and a **translation** method for the gateway is proposed to advertise the translation services to the manager using **SOAP** (Single Object Access Protocol) RPC. The advantages and disadvantages of the proposed translation methods are...

1/6,K/10 (Item 2 from file: 95)

TEME-Technology & Management

(c) 2009 FIZ TECHNIK. All rights reserved.

01643391 20020504176

## Towards an european data exchange system for the textile supply chain: MODA-ML

( Die Entwicklung eines europaeischen Datenaustausches fuer die textile Kette: MODA-ML ) , 2002

### Abstract:

...like quality certificate or buyers' option). The documents are not simply a one-to-one **translation** from the EDITEX syntax to **XML** syntax. At the end, the Project wants to develop a global tool for the European... ..Repository of the XML document models, and (iii) a public document exchange Protocol (based on **SOAP**) with a demonstrative Software to manage the handling and transmission of the document instances, specifically...

1/6,K/11 (Item 3 from file: 95)

TEME-Technology & Management

(c) 2009 FIZ TECHNIK. All rights reserved.

01470175 20001203944

## Soap soll das Rueckgrat von Web-Services bilden. Komponenten kommunizieren ueber XML , 2000

### Abstract:

...oder COM kommunizieren ueber remote procedure calls (RPC) miteinander. Das Uebertragungsprotokoll Simple Object Access Protocol (**SOAP**) in der Version 1.1 verbindet diese Standards miteinander. **SOAP** beruht auf der eXtended Markup Language. Ueber ein natives

RPC-Protokoll kontaktiert der Client ein proxy layer mit XML-Parser. Dieser generiert ein **SOAP**-Paket, das per HTTP, HTTP Messaging, FTP oder SMTP zu einem Web Server gesandt wird. der **SOAP-Translator** auf dem Server ruft mit einem **XML**-Parser ueber eine object RPC eine Server-Komponente auf. Die Antwort wird als **SOAP**-Paket zurueckgeschickt. **SOAP** wurde im Mai 2000 bei der W3C zur Standardisierung eingereicht. Ueber **SOAP** koennen Anwendungen auf Web Services, also Dienstleistungen im Internet, zugreifen. **SOAP** soll das zentrale Protokoll in Microsoft .NET werden, bereits jetzt kann man mit dem '**SOAP** Toolkit for Visual Studio 6' aus einem COM Automation Server einen Web Service generieren lassen... ..der 'Remote Object Proxy Engine' Clients programmieren. Biztalk spezifiziert den Austausch von XML-Geschaeftsdokumenten mit

**SOAP**. Fuer Java gibt es das 'Apache **SOAP** Toolkit' und das 'IBM Web Services Toolkit for Java', bei dem ein Client mit einem... ..sucht und aufruft. WSDC und UDDI sollen den Zugriff auf Web Services standardisieren. Iona nutzt **SOAP** im 'I-Portal' fuer die Kommunikation zwischen E-commerce-Portalen und in 'Orbix 2000'. 'Xorba... ..Wave verbindet COM mit Corba und Java. Der 'EntireX XML Wrapper' der Software AG uebersetzt **SOAP**-Aufrufe in Funktionsaufrufe an Altanwendungen. **SOAP** wird zur Vision des 'programmierbaren Web' beitragen.

1/6,K/12 (Item 1 from file: 144)

Pascal

(c) 2009 INIST/CNRS. All rights reserved.

15999292 PASCAL No.: 03-0144493

Interaction translation methods for XML/SNMP gateway  
Management technologies for e-commerce and e-business applications :  
Montreal, 21-23 October 2002

2002

Copyright (c) 2003 INIST-CNRS. All rights reserved.

... propose an HTTP-based translation using URI extension with XPath and XQuery. Finally, we apply **SOAP**, which is accepted as a standard protocol for **XML**, and propose a **translation** method for the gateway to advertise the translation services to the manager using **SOAP** RPC. We also compare the advantages and disadvantages of the proposed translation methods.

1/6,K/13 (Item 1 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

03251082 **Supplier Number:** 164730361 (Use Format 7 Or 9 For FULL TEXT )

**Apps Get Restructured -- SCA splits apps into loosely coupled components, helping them take advantage of multicore CPUs.**

June 11 , 2007

**Word Count:** 1293 **Line Count:** 00107

...SCA that is conceptually similar to the W3C's WSDL (Web Services Description Language). Although **XML** elements from one don't directly **translate** to the other, Web services management vendors such as SOA Software plan to add the...

...that non-SCA systems can access component services. Similarly, the services can be translated into **SOAP** or JMS.

Another means of accessing SCA apps is provided by SDO (Service Data Objects...

1/6,K/14 (Item 2 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

03204293 **Supplier Number:** 160185383 (Use Format 7 Or 9 For FULL TEXT )

**The well connected distributor - Electronic parts distributor Avnet needed simpler connections to its customers -- and among its internal systems. The solution: service orientation and a common data model.**

Feb 26 , 2007

**Word Count:** 1886 **Line Count:** 00155

...security.

Where webMethods didn't provide needed ESB functionality, Avnet added it, such as augmented **translation** services for mapping EDI into **XML**. As webMethods added more service-oriented capabilities over time -- such as a services directory, common **SOAP** implementation, and SOA governance capabilities -- Avnet used off-the-shelf webMethods

features rather than continue...

1/6,K/15 (Item 3 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

03039986 **Supplier Number:** 90129113 (Use Format 7 Or 9 For FULL TEXT )

**Custom Services: Putting Web Services to Work.**

April 15 , 2002

**Word Count:** 3451 **Line Count:** 00283

...d need a translator who could speak both your language and the plumber's, and **translate** between them (**XML**). Now suppose you needed the plumber on a regular basis; you'd want to be...

...and possibly even have a recorded message saying what you wanted him to do automatically (**SOAP**). But what if you didn't know how to reach the plumber? You'd need...

1/6,K/16 (Item 4 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

02747419 **Supplier Number:** 107199957 (Use Format 7 Or 9 For FULL TEXT )

**RosettaNet.(Quick Study)**

August 11 , 2003

**Word Count:** 950 **Line Count:** 00117

...and Egyptian hieroglyphics, it provided a key to deciphering ancient Egyptian writing.

This modern electronic **translator** speaks the contemporary languages of computer interoperability--**XML** and **SOAP**--which should allow disparate systems and business processes from different organizations to understand and exchange...



1/6,K/17 (Item 5 from file: 275)  
Gale Group Computer DB(TM)  
(c) 2009 Gale/Cengage. All rights reserved.  
02710728 **Supplier Number: 101432962 (Use Format 7 Or 9 For FULL TEXT )**  
**Clearing Database Network Clogs.**

May 1 , 2003  
**Word Count: 1810    Line Count: 00150**

...Web services create more network traffic than a traditional query because of two factors: the **SOAP** (Simple Object Access Protocol) envelope and the **translation** of result sets to **XML/text**. When used incorrectly, the overhead can be large-about 250 bytes

1/6,K/18 (Item 6 from file: 275)  
Gale Group Computer DB(TM)  
(c) 2009 Gale/Cengage. All rights reserved.  
02689823 **Supplier Number: 97875082 (Use Format 7 Or 9 For FULL TEXT )**  
**Show Report: Demo 2003 Boasts an Eclectic Mix.**

Feb 19 , 2003  
**Word Count: 1499    Line Count: 00117**

...year, runs on Linux. Pricing hasn't been set. The box does the IMAP-to-  
**SOAP/XML translation** as well as user provisioning and spam filtering.  
Oddpost plans on rolling out additional productivity...

1/6,K/19 (Item 7 from file: 275)  
Gale Group Computer DB(TM)  
(c) 2009 Gale/Cengage. All rights reserved.  
02605176 **Supplier Number: 86396775 (Use Format 7 Or 9 For FULL TEXT )**  
**Network edge courts apps - Web services inspires switch to develop 'deep packet inspection'.**

May 27, 2002

**Word Count:** 1497    **Line Count:** 00125

...capacity by about 90 percent. These appliances remove that load from the servers. That, plus **translation** of the various dialects of **XML**, can make handling **XML** and **SOAP** much less troublesome than it would be otherwise.  
The fact that Cisco and 3Com are...

1/6,K/20 (Item 8 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

02599028    **Supplier Number:** 85017071 (Use Format 7 Or 9 For FULL TEXT )

**Connecting services - Cape Clear delivers affordable cross-platform Web services integration.(CapeStudio 3.0 )(Brief Article)(Product Announcement)**

April 22, 2002

**Word Count:** 1026    **Line Count:** 00088

...use CapeStudio to generate Java or VB client code. At run time, CapeConnect relays incoming **SOAP** requests to remote servers. When the server responds, CapeConnect **translates** the returned data into **XML** and delivers it via **SOAP**. Cape Clear's solution handles this scenario so elegantly that for some projects, the CapeConnect...

1/6,K/21 (Item 9 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

02577255    **Supplier Number:** 82572463 (Use Format 7 Or 9 For FULL TEXT )

**2: Extensible Markup Language - This humble tagged-document format has become the lingua franca of e-business.**

Feb 4, 2002

**Word Count:** 465    **Line Count:** 00042

...documents for display, usually by conversion to HTML -- to become the

most common means of **translating XML** documents from one vocabulary to another. Web services, encompassing **XML**-based standards including **SOAP** (Simple Object Access Protocol), WSDL (Web Services Description Language), and UDDI (Universal Description, Discovery, and...

1/6,K/22 (Item 10 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

02542923    **Supplier Number: 78802773 (Use Format 7 Or 9 For FULL TEXT )**

**A BEVY OF NEW FEATURES MEET APP DEVELOPMENT TRENDS HEAD-ON.(Borland Software's Delphi 6.0)**

Sept 18 , 2001

**Word Count: 1833    Line Count: 00149**

...a development platform for business Web services, especially for B2B and B2C applications. It uses **XML** as the **translator** medium between local and business partner data and provides some excellent parsing and mapping tools to do this. BizSnap uses **SOAP** to moderate the interaction between applications. Using **SOAP** objects, it's relatively easy to develop services for many kinds of business transactions. In...

1/6,K/23 (Item 11 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

02512210    **Supplier Number: 75606626 (Use Format 7 Or 9 For FULL TEXT )**

**Consumer products interact with HAVi.(Home Audio/Video interoperability)(Technology Information)**

June 18 , 2001

**Word Count: 1835    Line Count: 00147**

...Transfer Protocol, which is in ASCII form.

In our scheme, we use the existing Extensible **Markup**

**Language (XML)** and Simple Object Access Protocol (**Soap**) standards to **translate** HAVi commands to an Internet-compliant format. The translation is done on the remote site, and the residential gateway **translates** back from the **XML/Soap** format to the HAVi format. Note that the response to the HAVi commands is **translated to XML/Soap** in the residential gateway and returned to the remote site.

This standards-based, rather than...

1/6,K/24 (Item 12 from file: 275)

Gale Group Computer DB(TM)

(c) 2009 Gale/Cengage. All rights reserved.

02506806 **Supplier Number: 75143747 (Use Format 7 Or 9 For FULL TEXT )**

**XML Your Data.(Software Review)(Evaluation)**

June 26 , 2001

**Word Count: 2044 Line Count: 00163**

...a handful of Java APIS that encapsulate collections, queries, transactions, and so on. APIS for **soap**, xpath, XSL, and the database are included. You can also use a servlet for **soap**-based queries. In testing, we connected our Ipedo XML product data with a small Java Web application running servlets using these APIS. Compared with a standard

Oracle-based configuration (which **translates** between relational data to **XML** on the fly), the Ipedo version was noticeably snappier, though the performance gain was hard...

1/6,K/25 (Item 1 from file: 647)

UBM Computer Fulltext 1988-200

(c) 2009 UBM, LLC. All rights reserved.

01303949 **CMP Accession Number: NWC20070611S0012**

**Apps Get Restructured - SCA splits apps into loosely coupled components, helping them take advantage of multicore CPUs**

**Publication Date: 070611**

**Word Count: 1215**

**Text:**

...SCA that is conceptually similar to the W3C's WSDL (Web Services

Description Language). Although **XML** elements from one don't directly **translate** to the other, Web services management vendors such as SOA Software plan to add the...

...that non-SCA systems can access component services. Similarly, the services can be translated into **SOAP** or JMS.

Another means of accessing SCA apps is provided by SDO (Service Data Objects...

1/6,K/26 (Item 2 from file: 647)

UBM Computer Fulltext 1988-200

(c) 2009 UBM, LLC. All rights reserved.

01262553 **CMP Accession Number:** NWC20030501S0030

**Clearing Database Network Clogs**

**Publication Date:** 030501

**Word Count:** 1700

**Text:**

...Web services create more network traffic than a traditional query because of two factors: the **SOAP** ( Simple Object Access Protocol) envelope and the **translation** of result sets to **XML**/text. When used incorrectly, the overhead can be large- about 250 bytes per call, plus...

1/6,K/27 (Item 3 from file: 647)

UBM Computer Fulltext 1988-200

(c) 2009 UBM, LLC. All rights reserved.

01238522 **CMP Accession Number:** EET20010618S0074

**Consumer products interact with HAVi**

**Publication Date:** 010618

**Word Count:** 1716

**Text:**

...Transfer Protocol, which is in ASCII form.

In our scheme, we use the existing Extensible Markup Language (XML) and Simple Object Access Protocol (Soap) standards to **translate** HAVi commands to an Internet-compliant format. The translation is done on the remote site, and the residential gateway **translates** back from the XML/Soap format to the HAVi format. Note that the response to the HAVi commands is **translated** to XML/Soap in the residential gateway and returned to the remote site.

This standards-based, rather than...

1/6,K/28 (Item 1 from file: 674)

Computer News Fulltext

(c) 2006 IDG Communications. All rights reserved.

107773

**RosettaNet**

**Publication Date:** August 11, 2003

**Text:**

...and Egyptian hieroglyphics, it provided a key to deciphering ancient Egyptian writing.

This modern electronic **translator** speaks the contemporary languages of computer interoperability -- XML and SOAP -- which should allow disparate systems and business processes from different organizations to understand and exchange...

1/6,K/29 (Item 2 from file: 674)

Computer News Fulltext

(c) 2006 IDG Communications. All rights reserved.

105451

**Web services pioneers report minimal pain, plenty of gain**

**Publication Date:** March 10, 2003

**Text:**

...that is sent via HTTP in an "envelope" based on the Simple Object Access Protocol (**SOAP**) to the NSC Web service. The client locates the service using a Web Services Description...

...to an Informix database running on IBM's AIX. The Java application receives the response, **translates** it back into **XML** and sends it to the requester via the same route. NSC also uses Apache Web servers and the Apache Access **SOAP** engine to facilitate the transaction, and software from Flamenco Networks to authenticate and secure the...

...everything was shared via fax," says John Piscano, CTO at CDA. The Web service uses **SOAP** and WSDL and includes hooks for UDDI, although that technology ...that each division uses to access the database through a browser. The front end uses **SOAP** messages to trigger Web services that make XML-based procedure calls, such as "input data..."

...Web services using a WSDL file and then send XML-based requests wrapped in a **SOAP** envelope over HTTP to an IBM WebSphere Application Server. On the server, a Java servlet...

...mainframe application. The mainframe returns XML-based data to WebSphere where it is wrapped in **SOAP** and sent back to the portal. The company does not use UDDI. Hilgenberg says the...

...guaranteed transactions and business process automation. "Today, most of the stuff we are doing is **SOAP** over HTTP, and that is not necessarily reliable delivery," he says. "Today, we only do..."

...incorporates T-Mobile's identity and billing Web services into its Web applications using a **SOAP** interface. When a T-Mobile user accesses a content provider application through their phone, the application makes a **SOAP** call to T-Mobile to access identity information on the user. The application uses that...

...supporting those guys." He says content providers need only modify their applications with WSDL and **SOAP**, which is a couple of lines of code that T-Mobile generates using tools from...on the corporate side, as long

as the output is in XML and is using **SOAP** and our extensions for mobility," says Hossein Moojin, chief architect and director of technology for...

1/6,K/30 (Item 3 from file: 674)

Computer News Fulltext

(c) 2006 IDG Communications. All rights reserved.

101114

### **Putting SOAP Tools to Work**

**Publication Date:** May 20, 2002

**Text:**

...use the eTax Server may access it through a Web browser, by way of a **translation** layer that renders the **XML** interface as an HTML application. Alternatively, notes Bojan Vukojevic, ASU's director of technology, individuals can access the service directly from a rich client, such as the **SOAP**-aware version of Excel in Office XP.

Many tax payments are made by banks aggregating...

1/6,K/31 (Item 4 from file: 674)

Computer News Fulltext

(c) 2006 IDG Communications. All rights reserved.

100020

### **Web services, Java to mix at JavaOne**

**Publication Date:** March 25, 2002

**Text:**

...series of software components, middleware, and Web protocols such as XML, Simple Object Access Protocol (**SOAP**) and others. The first step in extending Java to accommodate these standards is to create...

...screen. Portals are seen as a key part of the movement toward Web services, since **SOAP** and XML will be used to access portal-based services. "Most uses of Web services...

...the Java Connection Architecture, used to access legacy applications,



but can also be accessed via **SOAP**. The beans themselves can act as Web services, used by other services. Separately, IBM will...  
...existing WSDL file. The file defines how data from, for example, a Siebel application is '**translated**' into **XML** and, as result, reused in other applications. Also new for the Integration Server is the...

1/6,K/32 (Item 5 from file: 674)

Computer News Fulltext

(c) 2006 IDG Communications. All rights reserved.

098675

### **Web services making headway in large firms**

But Giga Information Group survey cites security concerns among users.

**Publication Date:** January 14, 2002

**Text:**

...series of processes needed to fill the order. With Web services interfaces, data can be **translated** from native formats into **XML** documents and vice versa, and transported using XML-based protocols, such as the Simple Object Access Protocol (**SOAP**), over the Internet or an intranet. The idea is to help clean up the integration  
...

...us platform independent, gives us ubiquity in connectivity .via the Internet., and with XML and **SOAP** we avoid proprietary formats," Hilgenberg says. Customers access Hewitt's Web service from their own human resources portals. An XML data packet wrapped in a **SOAP** envelope is sent over HTTP to Hewitt's IBM WebSphere application server, where a Java  
...

...the mainframe. The mainframe returns XML-based data to WebSphere, where it is wrapped in **SOAP** and sent back to the customer. "To create a benefit summary, it is so much...

1/6,K/33 (Item 6 from file: 674)

Computer News Fulltext

(c) 2006 IDG Communications. All rights reserved.

093062

### **Deciphering Microsoft's .Net puzzle**

**Publication Date:** April 16, 2001

**Text:**

...developers. These developers are relying on XML and its offspring, the Simple Object Access Protocol (**SOAP**), an emerging standard for sending messages across the Internet that activate programs or applications regardless...

...for consideration as a standard. But today, to most companies .Net means using XML and **SOAP** to let systems talk to one another and share data - a goal that by no...

...own strategies similar to .Net. "If the .Net computing model is based on XML and **SOAP**, the whole industry is going that way. If you want to, you can cater to...

...some enterprise customers are creating their own definitions. Dollar Rent-A-Car's Osbourne used **SOAP** for what he calls a .Net Web Service to create standard interfaces so Dollar's...

...translate electronic data interchange transactions from travel agents for car rentals. Dollar used Microsoft's **SOAP** Toolkit 2.0, which is nearing release (1.0 went out in December) to create...

...wired it, but that is low-level and we wanted something at a higher level. **SOAP** created a generic front end. Anything that can talk to that front end can talk to our reservation system," Osbourne says. And generic means reusable. "We designed the **SOAP** interface for Southwest, but we will use it for our Web site. Our Palm application...

...before." Another .Net adopter is Solidworks, which makes Windows-based CAD software. The company used **SOAP** to develop 20 APIs for its hosted Web Service called 3-D PartStream.Net. But...

...hosts the Solidworks Web Service, which delivers three-dimensional models to online catalog sites. The **SOAP** interfaces let users download, configure on the fly and translate models from any ...manager. "To set up with partners, we have to ask if they understand XML and **SOAP**." The infrastructure so what's left to figure out is how the infrastructure becomes .Net and...

...Server, are on the way to being combined into one repository to support

.Net and **XML**. And new servers such as **XML translation** engine BizTalk Server 2000, Web server load balancer Application Center 2000 and mainframe middleware Host...

...is in the details," says Dan Kusnetzky, an analyst with IDC. "Looking at XML and **SOAP** and how they will be incorporated into development tools, the .operating system., serverware and middleware...

1/6,K/34 (Item 7 from file: 674)

Computer News Fulltext

(c) 2006 IDG Communications. All rights reserved.

090998

**Make way for the 'browserless Web'**

**Publication Date:** January 29, 2001

**Text:**

...by these components, they can be called over the Web via Simple Object

Access Protocol (**SOAP**). An alternative mechanism, called ebXML, is being positioned for complex transactions. An emerging standard called...

...of what we do next," says Fred Domke, Transentric's CTO. The company is adding **XML translation** capabilities to its EDI gateway via XMLSolutions' **XML** server product."Internet technologies give us the ability to add more trading partners, and make...

...to make a direct SNA connection with our host. Instead, you can use HTTP and **SOAP** to send us a message .and interact with our services.."Andreessen sounds almost cavalier in...

1/6,K/35 (Item 8 from file: 674)

Computer News Fulltext

(c) 2006 IDG Communications. All rights reserved.

087100

**XML MARKS THE SPOT AT MICROSOFT**

**Publication Date:** September 11, 2000

**Text:**

...Storage System. Microsoft's BizTalk Server 2000, which recently went into beta testing, is the **XML** workhorse, providing **XML translation** and tools to coordinate the delivery of **XML** messages. "**XML** is one of the best ways to communicate between business partner systems," says Dave Turner...

...platform. "Microsoft is working diligently as a primary backer of the Simple Object Access Protocol (**SOAP**), a lightweight, XML-based protocol for exchanging information. The protocol has been presented to the World Wide Web Consortium and the Internet Engineering Task Force. Microsoft has included **SOAP** 1.1 in its BizTalk Framework 2.0, an open specification for XML-based data...

?